

**THERAPEUTIC APPLICATIONS  
OF ESTROGENIC CARBOXYLIC ACIDS**

**Abstract**

5        Provided are methods employing estrogenic compounds for: repressing weight  
gain or reducing weight in male patients; treating or preventing prostate cancer and peri- or  
post-menopausal symptoms; treating estrogen-responsive conditions that no longer  
respond to treatment with conventional steroidal estrogens; treating or preventing  
10        estrogen-responsive uterine cancer, breast cancer, and ovarian follicle atresia; inducing  
ovulation to increase fertility; oral contraception; treating or preventing diseases or  
conditions caused or prolonged by free radicals; treating or preventing cardiovascular  
disease, hyperlipidemia or hypercholesterolemia, and hyperglycemia; improving body fat  
distribution; and treating or preventing Alzheimer's disease, osteoporosis, and pattern  
10        baldness. Also provided are methods for treating or preventing prostatic diseases  
including benign prostate hyperplasia and other related conditions, androgen-responsive  
pathological conditions in males, and methods for male birth control and chemical  
castration, employing estrogenic carboxylic acids.